

1  
GTCCTTCCACCATGCACTCGCTGGGCTTCTTCTCTGTGGCGTGTCTCTGCTCGCCGCTG  
-----+-----+-----+-----+-----+-----+  
CAGGAAGGTGCTACGTAGCGACCCGAAGAAGAGACACCGCACAAAGAGACGAGCGGAC  
M H S L G F F S V A C S L L A A A -  
CGCTGCTCCCGGTCCTCGCGAGGCGCCCGCGCGCGCGCTTCTCGAGTCCGGACTCG  
-----+-----+-----+-----+-----+-----+  
GCGACGAGGCCAGGAGCGCTCCGCGGGCGGCGCGGCGGAGCTCAGGCCCTGAGC  
L L P G P R E A P A A A A A F E S G L D -  
ACCTCTCGGACGGGAGCCCCGACGCGGCGAGGCCACGGCTTATGCAAGCAAAGATCTGG  
-----+-----+-----+-----+-----+-----+  
TGGAGAGCCCTGCGCCTCGGGCTGCGCCCGCTCCGGTGCCGAATACGTTCTGTTCTAGACC  
L S D A E P D A G E A T A Y A S K D L E -  
AGGAGCAGTTACGGTCTGTGTCCAGTGTAGATGAACCTCATGACTGTACTCTACCCAGAAT  
-----+-----+-----+-----+-----+-----+  
TCCTCGTCAATGCCAGACACAGGTACATCTACTTGAGTACTGACATGAGATGGGTCTTA  
E Q L R S V S S V D E L M T V L Y P E Y -  
ATTGGAAAATGTACAAGTGTGAGCTAAGGAAAGGAGGCTGGCAACATAACAGAGAACAGG  
-----+-----+-----+-----+-----+-----+  
TAACCTTTTACATGTTACAGTCGATTCCCTTCCCTCCGACCGTTGTATTGTCTCTTGTC  
W K M Y K C Q L R K G G W Q H N R E Q A -  
CCAACCTCAACTCAAGGACAGAAGAGACTATAAAATTGCTGCAGCACATTATAATACAG

**Fig. 1A**

MATCH WITH FIG. 1B

MATCH WITH FIG. 1A

```

301  -----+-----+-----+-----+-----+-----+-----+-----+ 360
      GGTGGAGTTGAGTTCCTGCTCTCTGATATTTAAACGACGTCGTGTAATATTATGTC
          N L N S R T E E T I K F A A A H Y N T E -
      AGATCTTGAAAAGTATTGATAATGAGTGGAGAAAAGACTCAATGCATGCCACGGAGGTGT
361  -----+-----+-----+-----+-----+-----+-----+-----+ 420
      TCTAGAACTTTTCATAACTATTACTCACCTCTTTCTGAGTTACGTACGGTGCCCTCCACA
          I L K S I D N E W R K T Q C M P R E V C -
      GTATAGATGTGGGGAAGGAGTTTGGAGTCGCGACAAACACCTTCTTTAAACCTCCATGTG
421  -----+-----+-----+-----+-----+-----+-----+-----+ 480
      CATATCTACACCCCTTCCTCAAACCTCAGCGCTGTTGTGGAAGAAATTTGGAGGTACAC
          I D V G K E F G V A T N T F F K P P C V -
      TGTCCTGTACAGATGTGGGGGTTGCTGCAATAGTGAGGGGCTGCAGTGCATGAACACCA
481  -----+-----+-----+-----+-----+-----+-----+-----+ 540
      ACAGGCAGATGTCTACACCCCCAACGACGTTATCACTCCCCGACGTCACGTACTTGTGGT
          S V Y R C G G C C N S E G L Q C M N T S -
      GCACGAGCTACCTCAGCAAGACGTTATTGAAATTACAGTGCCTCTCTCAAGGCCCCA
541  -----+-----+-----+-----+-----+-----+-----+-----+ 600
      CGTGCTCGATGGAGTCGTTCTGCAATAAACTTTAATGTCACGGAGAGAGATTCCGGGT
          T S Y L S K T L F E I T V P L S Q G P K -
      AACCAGTAAACAATCAGTTTGGCCAATCACACTTCCTGCCGATGCATGTCTAAACTGGATG
601  -----+-----+-----+-----+-----+-----+-----+-----+ 660
      TTGGTCATTGTTAGTCAAAAACGGTTAGTGTGAAGGACGGCTACGTACAGATTTGACCTAC
          P V T I S F A N H T S C R C M S K L D V -

```

MATCH WITH FIG. 1C

Fig. 1B

## 720

196

1

780

721

1

840

781

1

900

841

1

960

901

1

0000

967

MATCH WITH FIG. 1D

**Fig. 1C**

**Fig. 1D**

MATCH WITH FIG. 1E

MATCH WITH FIG. 1D

[illegible]

Fig. 1E

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```

1                                50
Pdga .MRTLACLL LCCYLALVL AEEAIPREV IERLARSQIH SIRDQLRLE
Pdgb MNRCAW.LFL SLCCYLRVLS AEGDPIPEEL YEMLSHSIR SFDDLQRLH
Vegf .....MNFLL SWVHWSLALL LY..... .LHAKWSQA
Vegf2 .....MTV LYPEYWKMYK CQ..... .LRKGGWQHN

51                                100
Pdga IDSVGSEDSL DTSRAHGVH ATKHVPEKRP LPIRRKRSI. ....EEAVP
Pdgb GDP.GEEDGA ELDLNMTRSH SGCELES... .LARGRRSLG SLTIAEPAMI
Vegf APMAE..... GGGQ NHHEVWKFMD .VYQR.....
Vegf2 REQANLNSRT EETIKFAAAH YNTEILKSID NEWRK.....

101                                150
Pdga AVCKIRTVIY EIPRSQVDPT SANFLIWPPC VEVKRCTGCC NTSSVKQPS
Pdgb AECKIRTEVF EISRLIDRT NANFLVWPPC VEVQRCGCC NNRNVQRPPT
Vegf SYCHPIETLV DIFOEYPDEI ..EYIFKPSC VPLMRCCGCC NDEGLEQVPT
Vegf2 TQCMPPREVC I DVGKEFGVAT ..NTFFKPPC VSVYRCGCC NSEGLQMNNT

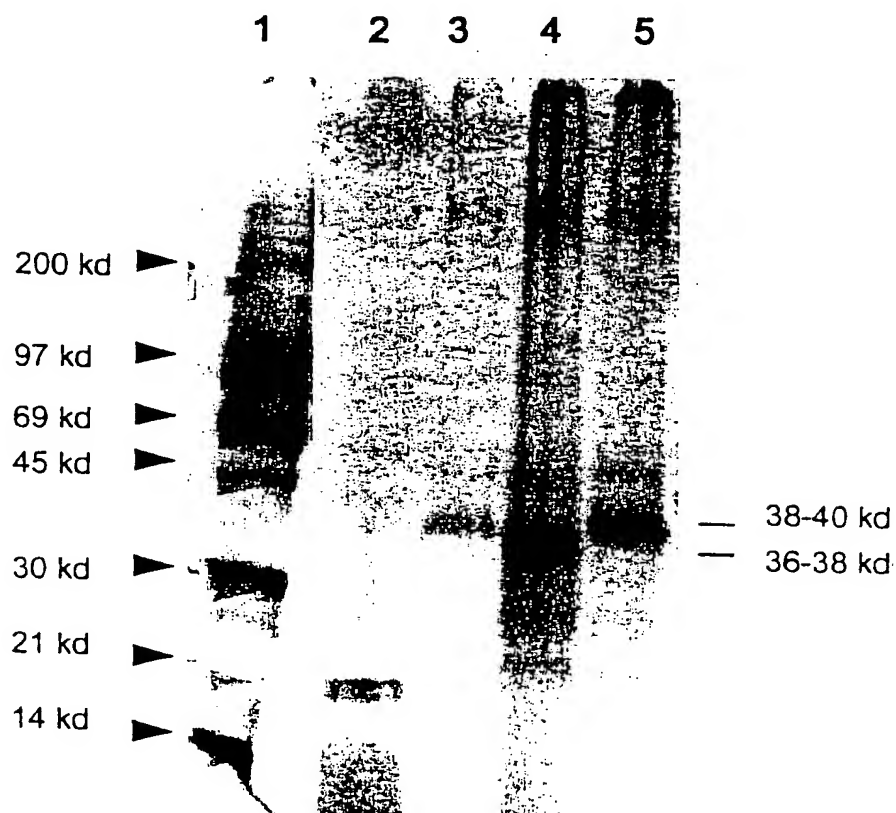
151                                200
Pdga RVHHRVKVA KVEYVRKKPK LKEVQVLEE HLEQAC..... AT.....
Pdgb QVQLRPVQVR KIEIVRKKPI FKKAIVTLED HLAQK..... ETVAARPVT
Vegf EESNITMQIM RIK.PH..QG QHIGEMSFLQ HNKCECRPKK DRARQEKKS
Vegf2 STSYLSKTLF EIT.VPLSQG PKPVTISFAN HTSCRCMSKL DVYRQVHSII

```

Fig. 2A

Fig. 2B

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- Lane 1: 14-C and rainbow M.W. marker  
Lane 2: FGF control  
Lane 3: VEGF2 (M13-reverse & forward primers)  
Lane 4: VEGF2 (M13-reverse & VEGF-F4 primers)  
Lane 5: VEGF2 (M13-reverse & VEGF-F5 primers)

Fig. 3



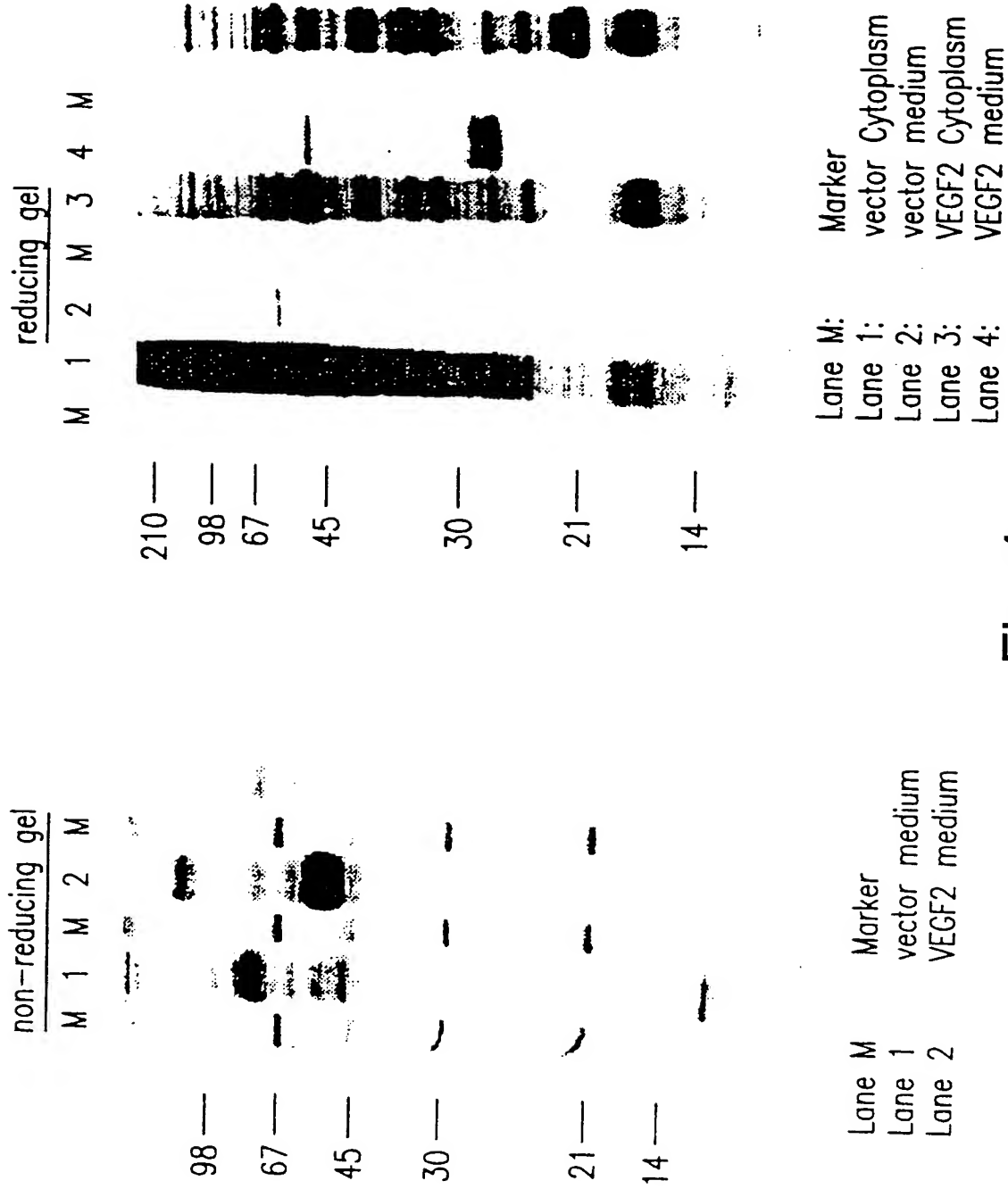
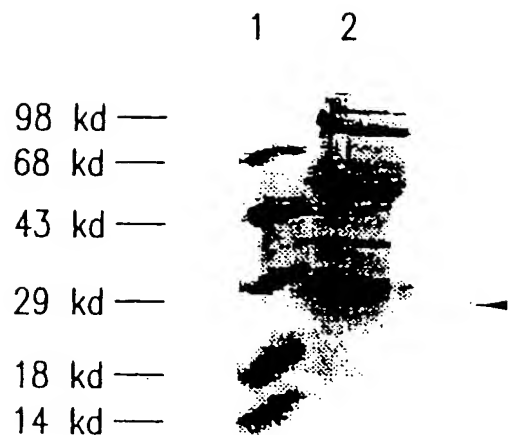


Fig. 4

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Lane 1: Molecular weight marker  
Lane 2: Precipitates containing VEGF2.

Fig. 5

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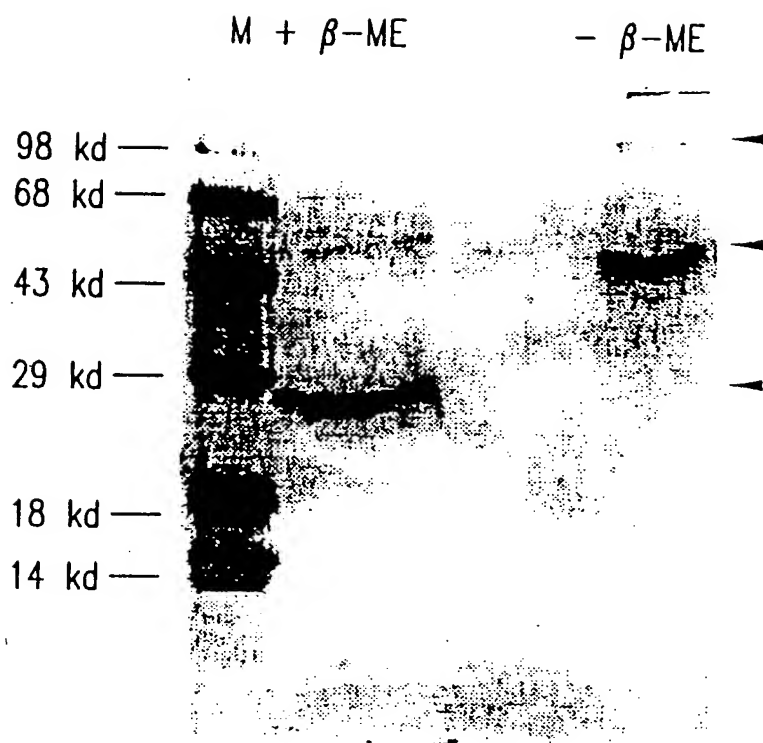


Fig. 6

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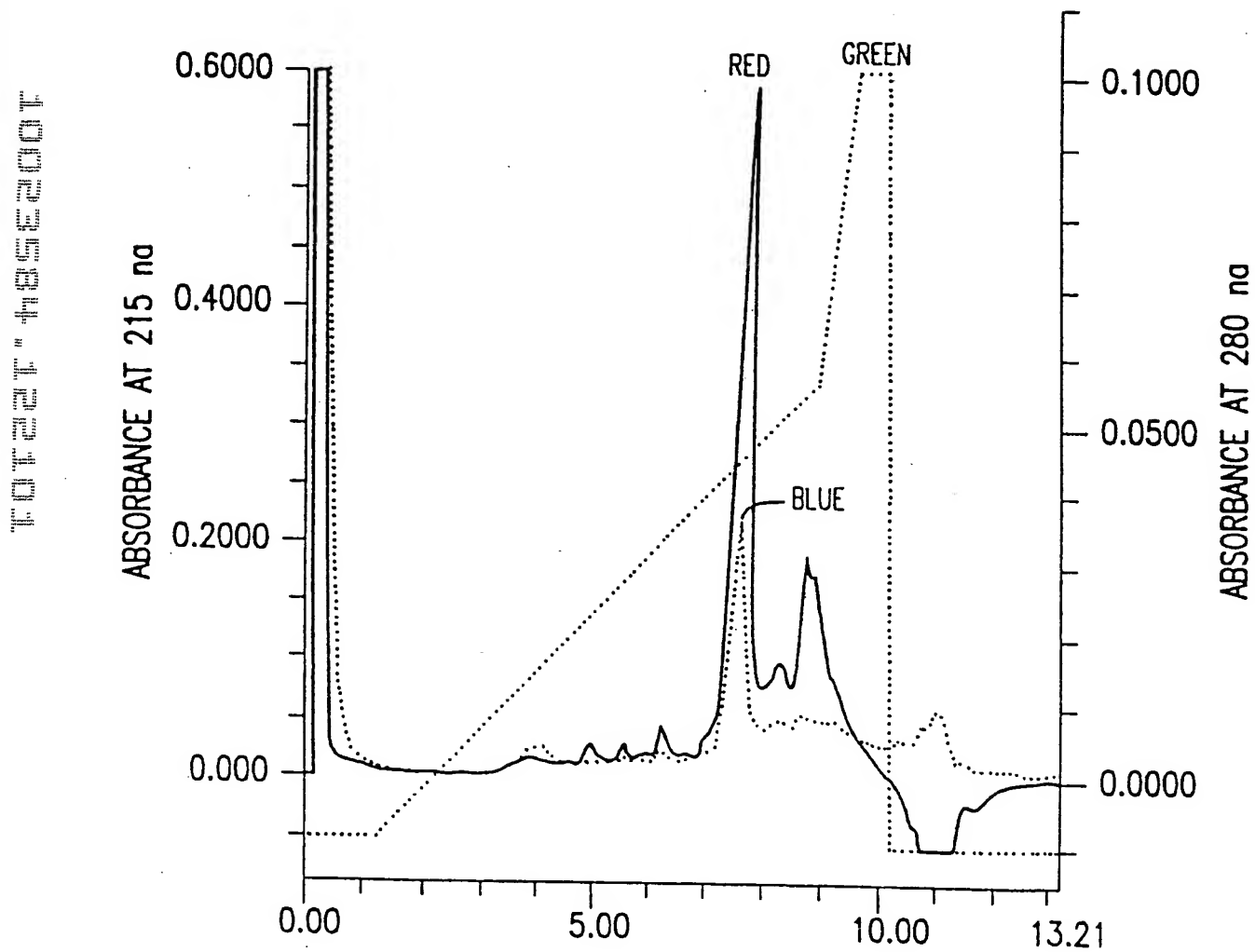


Fig. 7

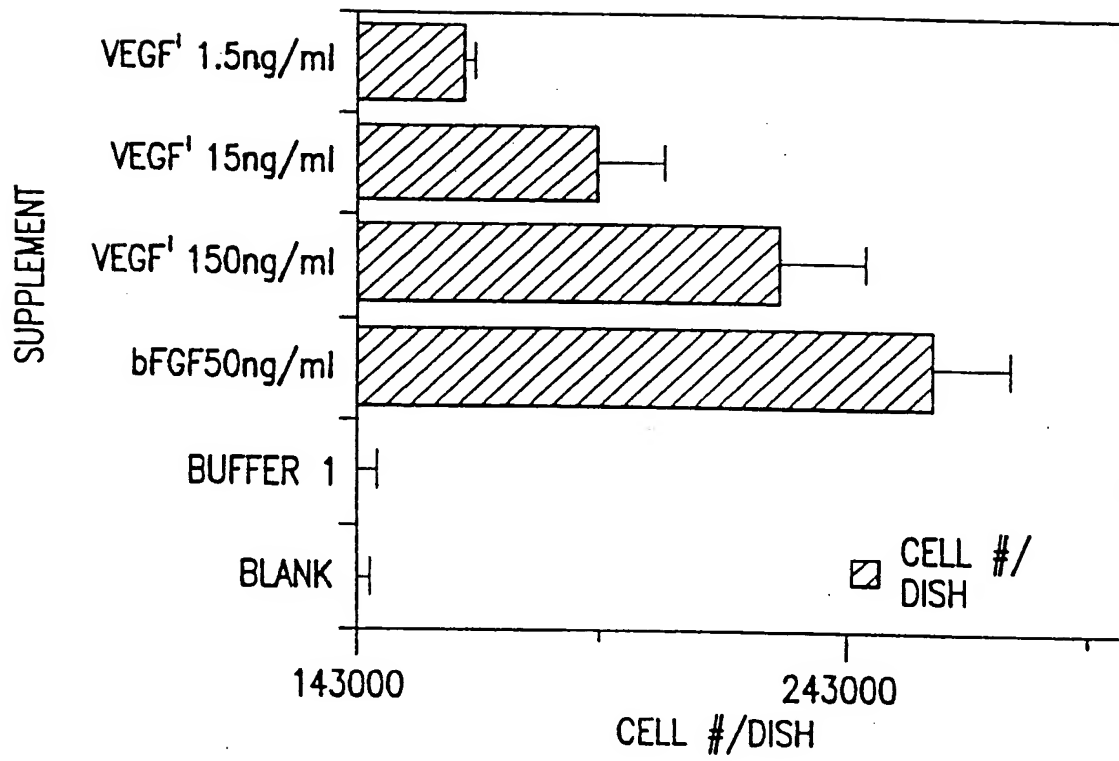


Fig. 8

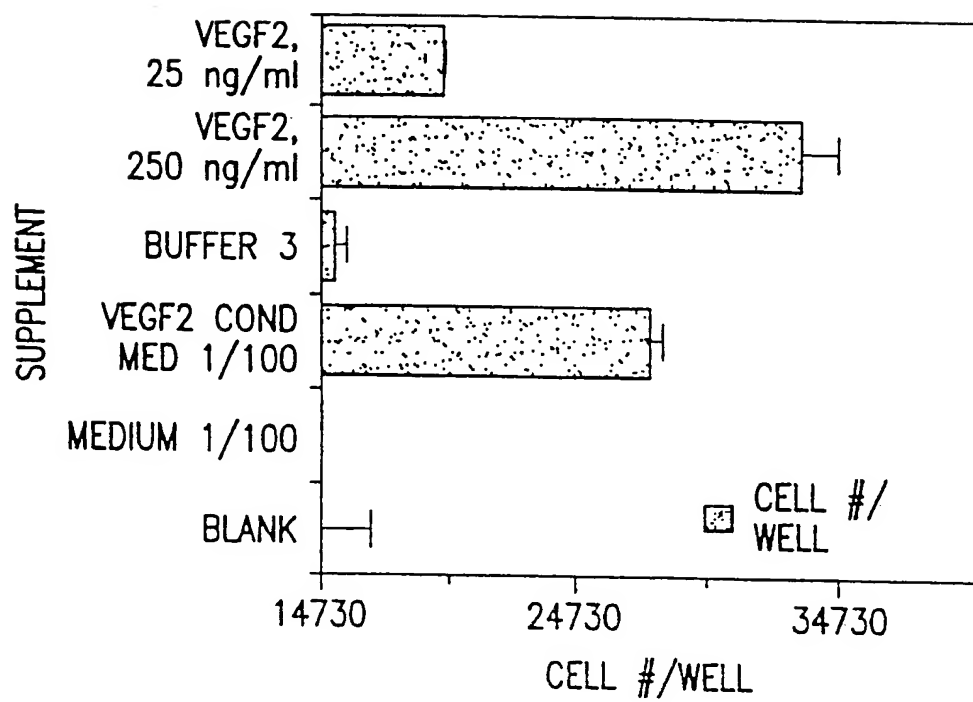


Fig. 9